

Silane, dimethyl(dimethyl(2-methylbutoxy)silyloxy)pentyl

Inchi: InChI=1S/C14H34O3Si2/c1-8-10-11-12-15-18(4,5)17-19(6,7)16-13-14(3)9-2/h14H,8-13H
InchiKey: OWXSMBCHAXJTLK-UHFFFAOYSA-N
Formula: C14H34O3Si2
SMILES: CCCCCO[Si](C)(C)O[Si](C)(C)OCC(C)CC
Mol. weight [g/mol]: 306.59

Physical Properties

Property code	Value	Unit	Source
log10ws	0.03		Crippen Method
logp	4.676		Crippen Method
rinpol	1393.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347010&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/54-033-5/Silane-dimethyl-dimethyl-2-methylbutoxy-silyloxy-pentyloxy.pdf>

Generated by Cheméo on 2024-04-26 10:40:02.434946279 +0000 UTC m=+16417251.355523594.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.